

### **9.3 Service Control Points/Call-Related Databases**

#### **9.3.1 Definition:**

9.3.1.1 Call-related databases are the Network Elements that provide the functionality for storage of, access to, and manipulation of information required to offer a particular telecommunications service and/or capability.

9.3.1.2 A Service Control Point (SCP) is a specific type of Network Element where call related databases can reside. SCPs deployed in a Signaling System 7 (SS7) network execute service application logic in response to SS7 queries sent to them by a switching system also connected to the SS7 network. SCPs also provide operational interfaces to allow for provisioning, administration and maintenance of subscriber data and service application data. (e.g., an 800 database stores customer record data that provides information necessary to route 800 calls).

### **9.3.2 Technical Requirements for SCPs/Call-Related Databases**

Requirements for SCPs/Call-Related Databases within this section address storage of information, access to information (e.g. signaling protocols, response times), and administration of information (e.g., provisioning, administration, and maintenance). All SCPs/Call-Related Databases will be provided to Advanced Communications Group, Inc. in accordance with the following requirements, except where such a requirement is superseded by specific requirements set forth in Subsections 9.3.3 through 9.3.7:

9.3.2.1 SWBT will provide physical interconnection to SCPs via its STPs through the SS7 network and protocols, as specified in Section 9.2 of this Attachment, with TCAP as the application layer protocol.

9.3.2.2 SWBT will make its database functionality available to Advanced Communications Group, Inc. using the same performance criteria as is applied to SWBT's use. To the extent those performance criteria exist in written form, they will be shared with Advanced Communications Group, Inc. and SWBT will provide Advanced Communications Group, Inc. with the opportunity to comment on such criteria.

The Parties will provide Permanent Local Number Portability (PLNP) as soon as it is technically feasible in conformance with FCC rules and the Act. will participate in development of PLNP in the state in accordance

with the FCC's First Report and Order in Docket No. 95-116, and will negotiate terms and conditions concerning access to PLNP as database requirements and plans are finalized.

### **9.3.3 Line Information Database (LIDB)**

9.3.3.1 The Line Information Data Base (LIDB) is a transaction-oriented database that functions as a centralized repository for data storage and retrieval. LIDB is accessible through Common Channel Signaling (CCS) networks. It contains records associated with customer Line Numbers and Special Billing Numbers. LIDB accepts queries from other Network Elements and provides return result, return error and return reject responses as appropriate. LIDB queries include functions such as screening billed numbers that provides the ability to accept Collect or Third Number Billing calls and validation of Telephone Line Number based non-proprietary calling cards. The interface for the LIDB functionality is SWBT's regional STP. LIDB also interfaces with a service management system as defined below.

9.3.3.1.2 Alternate Billing Service (ABS) means a service that allows end users to bill calls to accounts that may not be associated with the originating line. There are three types of ABS calls: calling card, collect, and third number billed calls.

Billed Number Screening (BNS) means a validation of toll billing exception (TBE) data.

Calling Card Service (CCD) means a service that enables a calling customer to bill a telephone call to a calling card number with or without the help of an operator.

Common Channel Signaling (CCS) Network means an out-of-band, packet-switched, signaling network used to transport supervision signals, control signals, and data messages. Validation Queries and Response messages are transported across the CCS network.

Data Owner means telecommunications companies that administer their own validation data in a party's LIDB or LIDB-like database.

Line Record means information in LIDB that is specific to a single telephone number or special billing number.

Originating Point Code (OPC) means a code assigned to identify LSP's operator service system location(s).

Special Billing Number means line records in LIDB that are based on an NPA-RAO numbering format. NPA-RAO numbering formats are similar to NPA-NXX formats except that the fourth digit of an NPA-RAO line record is either a zero (0) or a one (1).

Toll Billing Exception (TBE) Service means a service that allows end users to restrict third number billing or collect calls to their lines.

Validation information means Data Owners' records of all their Calling Card Service and Toll Billing Exception Service.

#### **9.3.3.2 LIDB Validation**

- 9.3.3.2-1 SWBT will provide Advanced Communications Group, Inc. access to Validation information whenever Advanced Communications Group, Inc. initiates a query from an SSP for Validation information available in SWBT's LIDB.
- 9.3.3.2.2 All Advanced Communications Group, Inc. queries to SWBT's LIDB will use subsystem number 253 in the calling party address field and a translations type of 253. Advanced Communications Group, Inc. acknowledges that such subsystem number and translation type values are necessary for SWBT to properly process Validation queries to its LIDB.
- 9.3.3.2.3 SWBT may employ certain automatic and/or manual overload controls to protect SWBT's CCS/SS7 network. SWBT will report to Advanced Communications Group, Inc. any instances where overload controls are invoked due to Advanced Communications Group, Inc.'s CCS/SS7 network and Advanced Communications Group, Inc. agrees in such cases to take corrective action to the same extent SWBT prescribes for itself. Any network management controls found necessary to protect LIDB Validation from an overload condition will be applied based on non-discriminatory guidelines and procedures. Such management controls will be applied to the specific problem source to the extent technically feasible.
- 9.3.3.2.5 SWBT's LIDB will contain a record for every SWBT working line number and Special Billing Number served by SWBT. Other telecommunications companies, including Advanced Communications Group, Inc., may also store their data in SWBT's LIDB. SWBT will request such telecommunications companies to also provide a record for

every working line number and Special Billing Number served by those companies.

9.3.3.2.6 SWBT's LIDB Validation Service will provide the following functions on a per query basis: validation of a telecommunications calling card account number stored in LIDB; determination of whether the billed line has decided in advance to reject certain calls billed as collect or to a third number; and determination of billed line as a public (including those classified as semi public) or nonworking telephone number.

9.3.3.2.7 SWBT provides LIBD Validation Service as set forth in this Attachment only as such service is used for Advanced Communications Group, Inc.'s LSP activities on behalf of its local service customers where SWBT is the incumbent local exchange carrier. Advanced Communications Group, Inc. agrees that any other use of SWBT's LIDB for the provision of LIDB Validation Service by Advanced Communications Group, Inc. will be pursuant to the terms, conditions, rates, and charges of SWBT's effective tariffs, as revised, for LIDB Validation Service.

Prior to the time Advanced Communications Group, Inc. LSP begins to access SWBT's LIDB, the Parties will negotiate factors necessary to distinguish Advanced Communications Group, Inc. IXC activity from Advanced Communications Group, Inc. LSP activity in SWBT's incumbent LEC region.

9.3.3.2.8 LIDB Validation provided by SWBT to Advanced Communications Group, Inc. will meet applicable regulatory performance standards and requirements and be at least equal in quality and performance as that which SWBT provides to itself. LIDB Validation will be provided in accordance with SWBT Technical Publications or other like SWBT documents, as changed from time to time by SWBT at its sole discretion, to the extent consistent with the Act. Such publications and documents will be shared with Advanced Communications Group, Inc. and SWBT will provide Advanced Communications Group, Inc. with the opportunity to comment. Advanced Communications Group, Inc. may request and SWBT will provide, to the extent technically feasible, LIDB Validation that is superior or lesser in quality than SWBT provides to itself and such service will be requested pursuant to the Special Request process.

### **9.3.3.3 Ownership of Validation Information**

9.3.3.3.1 Advanced Communications Group, Inc.'s access to any LIDB Validation information does not create any ownership interest that does not already

exist. Telecommunications companies, including Advanced Communications Group, Inc., depositing information in SWBT's LIDB may retain full and complete ownership and control over such information.

9.3.3.3.2 Unless expressly authorized in writing by parties, LIDB Validation is not to be used for purposes other than validating ABS-related calls. Advanced Communications Group, Inc. may use LIDB Validation for such functions only on a call-by-call basis.

9.3.3.3.3 Proprietary information residing in SWBT's LIDB is protected from unauthorized access and Advanced Communications Group, Inc. may not store such information in any table or database for any reason. All information related to alternate billing service is proprietary. Examples of proprietary information are as follows:

- Billed (Line/Regional Accounting Office (RAO)) Number
- PIN Number(s)
- Billed Number Screening (BNS) indicators
- Class of Service (also referred to as Service or Equipment)
- Reports on LIDB usage
- Information related to billing for LIDB usage
- LIDB usage statistics.

9.3.3.3.4 Advanced Communications Group, Inc. agrees that it will not copy, store, maintain, or create any table or database of any kind that is based upon a response to a query to SWBT's LIDB.

9.3.3.3.5 If Advanced Communications Group, Inc. acts on behalf of other carriers to access SWBT's LIDB Validation, Advanced Communications Group, Inc. will contractually prohibit such carriers from copying, storing, maintaining, or creating any table or database of any kind from any response provided by SWBT after a Validation query to SWBT's LIDB.

9.3.3.3.6 SWBT will share end user information, pertinent to fraud investigation, with Advanced Communications Group, Inc. when validation queries for the specific end user reaches SWBT's established fraud threshold level. This fraud threshold level will be applied uniformly to all end user information in SWBT's LIDB.

9.3.3.3.7 Nothing in Sections 9.3.3.3.1 through 9.3.3.3.7 is intended to restrict Advanced Communications Group, Inc.'s use or storage of Advanced Communications Group, Inc. data created or acquired independently of SWBT's LIDB Validation.

- 9.3.3.4. To the extent that Advanced Communications Group, Inc. stores its own Validation Information in a database, that Validation Information shall be available to SWBT on terms and conditions and platforms to be negotiated by the Parties.

**9.3.3.5 LIDB Storage and Administration**

9.3.3.5.1 Definitions:

- A) Data Base Administration Center (DBAC) -- A SWBT location where facility and administrative personnel are located for administering LIDB and/or Sleuth.
- B) Group -- For the purpose of this Appendix, a specific NPA-NXX and/or NPA-RAO combination.
- C) Group Record -- Information in LIDB or LVAS that is common to all lines or billing records in an NPA-NXX or NPA-RAO.
- D) LIDB Editor -- A database editor located at the SCP where LIDB resides. LIDB Editor provides emergency access to LIDB that bypasses the service management system for LIDB.
- E) Line Validation Administration System (LVAS) -- An off-line administrative system, used by SWBT to add, delete and change information in LIDB. For purposes of this Attachment, LVAS is SWBT's service management system for LIDB.
- F) Line Record -- Information in LIDB or LVAS that is specific to a single telephone number or Special Billing Number.
- G) Toll Billing Exception (TBE) -- A LIDB option that allows end users to restrict third number billing or collect calls to their lines.
- H) Service Management System (SMS) -- An off-line system used to access, create, modify, or update information in LIDB. For the purposes of this Attachment, the SMS for LIDB is LVAS.
- I) Sleuth -- An off-line administration system that SWBT uses to monitor suspected occurrences of ABS-related fraud. Sleuth uses a systematic pattern analysis of query message data to identify potential incidences of fraud that may require investigation. Detection parameters

are based upon vendor recommendations and SWBT's analysis of collected data and are subject to change from time to time.

J) Special Billing Number (SBN) Account Groups -- Line records in LIDB that are based on an NPA-RAO numbering format. NPA-RAO numbering formats are similar to NPA-NXX formats except that the fourth digit of an NPA-RAO line record is either a zero (0) or a one (1).

K) Tape Load Facility -- A separate data entry point at the SCP where LIDB resides. The tape load facility provides direct access to LIDB for data administration and bypasses the service management system of SWBT's LIDB.

L) Translation Type -- A code in the Signaling Connection Control Point (SCCP) of the SS7 signaling message. Translation Types are used for routing LIDB queries. Signal Transfer Points (STPs) use Translation Types to identify the routing table used to route a LIDB query. Currently, all LIDB queries against the same exchange and Translation Type are routed to the same LIDB.

#### **9.3.3.5.2 General Description and Terms**

(A) SWBT's LIDB is connected directly to a service management system (i.e., LVAS), a database editor (i.e., LIDB Editor), and a tape load facility. Each of these facilities, processes, or systems, provide SWBT with the capability of creating, modifying, changing, or deleting, line/billing records in LIDB. SWBT's LIDB is also connected directly to an adjunct fraud monitoring system (i.e., Sleuth).

(B) From time-to-time, SWBT enhances its LIDB to create new services and/or LIDB functionalities. Such enhancements may involve the creation of new line-level or group-level data elements in LIDB. SWBT will coordinate with LSP to provide LSP with the opportunity to update its data concurrent with SWBT's updates of SWBT's own data. Both parties understand and agree that some LIDB enhancements will require LSP to update its line/billing records with new or different information.

(C) Administration of the SCP on which LIDB resides, as well as any system or query processing logic that applies to all data resident on SWBT's LIDB is, and remains, the responsibility of SWBT. Advanced Communications Group, Inc. understands and agrees that SWBT, in its role as system administrator, may need to access any record in LIDB, including any such records of Advanced Communications Group, Inc.

SWBT will limit such access to those actions necessary to ensure the successful operation and administration of SWBT's SCP and LIDB.

(D) Advanced Communications Group, Inc. understands and agrees that SWBT is the sole determinant and negotiating party for any access to SWBT's LIDB. Advanced Communications Group, Inc. does not gain any ability, by virtue of this Attachment, to determine which telecommunications companies are allowed to access information in SWBT's LIDB. Advanced Communications Group, Inc. understands and agrees that when SWBT allows a query originator to access SWBT data in SWBT's LIDB, such query originators will also have access to Advanced Communications Group, Inc.'s data that is also stored in SWBT's LIDB.

(E) SWBT does not presently have data screening capability in LIDB. Data Screening is the ability of a LIDB owner to deny complete or partial access to LIDB data or processes. At such time as SWBT has LIDB Data Screening capability for individual data owners, including itself, it will make that capability available to Advanced Communications Group, Inc.

(F) On behalf of third parties who query LIDB for Advanced Communications Group, Inc. data and receive a response verifying the end user's willingness to accept the charges for the underlying call, Advanced Communications Group, Inc. at its election either will bill the appropriate charges to end users or will provide all necessary billing information needed by the third party to bill for the services provided.

(G) SWBT will provide the functionality needed to perform the following query/response functions, on a call-by-call basis, for the line/billing records residing in SWBT's LIDB to: (1) validate a 14-digit billing number where the first 10 digits are a telephone number or a special billing number assigned and the last four digits (PIN) are a security code assignment; (2) determine whether the billed line automatically rejects, accepts, or requires verification of certain calls billed as collect or third number; and (3) determine whether the billed line is a public telephone number using the Class of Service Information in LIDB.

9.3.3.5.3 Service Description

9.3.3.5.3.1 Line Validation Administration System (LVAS)

LVAS -provides' Advanced Communications Group, Inc. with the capability to access, create, modify, or update information in LIDB.



LVAS has two electronic interfaces. These interfaces are the Service Order Entry Interface and the Interactive Interface.

Upon receipt of line/billing information from Advanced Communications Group, Inc., in a format acceptable to SWBT, SWBT will provide the functionality needed to perform the following query/response functions, on a call-by-call basis, for the line/billing records residing in SWBT's LIDB to identify the name associated with the line record.

Calling Name records are limited to fifteen characters. Advanced Communications Group, Inc. is responsible for providing all name truncations and/or abbreviations needed to limit a calling name to 15 (fifteen) characters. Advanced Communications Group, Inc. is also responsible for ensuring that its calling name data does not contain obscenities in English or other languages. Upon receipt of Calling Name data, in a format acceptable to SWBT, SWBT will provide the query/response functions, on a call-by-call basis, for the line/billing records residing in SWBT's LIDB to identify the name associated with the line record.

#### 9.3.3.5.3.1.1 Service **Order Entry Interface**

(A) The Service Order Entry Interface provides Advanced Communications Group, Inc. with unbundled access to SWBT's LVAS that is equivalent to SWBT's own service order entry process to LVAS. Service Order Entry Interface allows Advanced Communications Group, Inc. to electronically transmit properly formatted records from Advanced Communications Group, Inc.'s service order process into LVAS.

(B) Advanced Communications Group, Inc.'s access to the Service Order Entry Interface will be through a remote access facility (RAF). The RAF will provide SWBT with a security gateway for Advanced Communications Group, Inc. access to the Service Order Entry Interface. The RAF will verify the validity of Advanced Communications Group, Inc.'s transmissions and limit Advanced Communications Group, Inc.'s access to SWBT's Service Order Entry Interface to LVAS. Advanced Communications Group, Inc. does not gain access to any other SMS, interface, database, or operations support system through this Appendix.

(C) SWBT will provide Advanced Communications Group, Inc. with the file transfer protocol specifications Advanced Communications Group, Inc. will use to administer Advanced Communications Group, Inc.'s data over the Service Order Entry Interface. Advanced Communications

Group, Inc. acknowledges that transmission in such specified protocol is necessary for SWBT to provide LSP with Data Base Administration and Storage.

(D) Advanced Communications Group, Inc. can choose the Service Order Entry Interface as its only interface to LVAS and LIDB or Advanced Communications Group, Inc. can choose to use this interface in conjunction with any other interface that SWBT provides under this Appendix except the Manual Interface.

(E) SWBT will provide Advanced Communications Group, Inc. with SWBT-specific documentation for properly formatting the records Advanced Communications Group, Inc. will transmit over the Service Order Entry Interface.

(F) Advanced Communications Group, Inc. understands that its record access through the Service Order Entry Interface will be limited to its own line/billing records.

#### **9.3.3.5.3.1.2 Interactive Interface**

(A) The Interactive Interface provides Advanced Communications Group, Inc. with unbundled access to SWBT's LVAS that is equivalent to SWBT's access at its LIDB DBAC. Interactive Interface provides Advanced Communications Group, Inc. with the ability to have its own personnel access Advanced Communications Group, Inc.'s records via an application screen that is presented on a computer monitor. Once Advanced Communications Group, Inc. has accessed one of its line/billing records, Advanced Communications Group, Inc. can perform all of the data administration tasks SWBT's LIDB DBAC personnel can perform on SWBT's own line/billing records.

(B) SWBT will provide Advanced Communications Group, Inc. with Interactive Interface through a modem. Advanced Communications Group, Inc. understands that its record access through the interactive Interface will be limited to its own line/billing records.

(C) Advanced Communications Group, Inc. will use hardware and software that is compatible with LVAS hardware and software.

(D) Advanced Communications Group, Inc. can choose to request the Interactive interface as its only interface to LVAS and LIDB or Advanced Communications Group, Inc. can choose to use this interface in

conjunction with any other interface that SWBT provides under this Appendix except the Manual Interface.

#### **9.3.3.5. Tape Load Facility Interface**

(A) Tape Load Facility Interface provides Advanced Communications Group, Inc. with unbundled access to SWBT's Tape Load Facility in the same manner that SWBT accesses this facility. Tape Load Facility Interface allows Advanced Communications Group, Inc. to create and submit magnetic tapes for input into LIDB.

(B) The Tape Load Facility Interface is not an interface to LVAS. The Tape Load Facility interface is an entry point to LIDB at the SCP where LPDB resides.

(C) The Tape Load Facility Interface is available only when the amount of information is too large for LVAS to accommodate. Both parties agree that these situations normally occur during the initial load of an LSP's information into LIDB or when LIDB is updated for a new product. The Tape Load Facility Interface is not available for ongoing updates of information. Advanced Communications Group, Inc. may request the Tape Load Facility Interface only when its updates exceed 100,000 line/billing records over and above Advanced Communications Group, Inc.'s normal daily update processing.

(D) Advanced Communications Group, Inc. will create its own tapes in formats specified in GR-4446-CORE, Issue 2, June 1994, as revised. Such tapes will only include information associated with Advanced Communications Group, Inc.'s line/billing records

(E) Advanced Communications Group, Inc. will deliver a separate set of tapes, each having identical information to each SCP node on which LIDB resides. SWBT will provide Advanced Communications Group, Inc. with the name and address of the SWBT employee designated to receive the tapes at each location.

(F) In addition to the tapes Advanced Communications Group, Inc. will create and deliver to the SCP node locations, Advanced Communications Group, Inc. will deliver an additional set of tapes to the LVAS System Administrator so that SWBT can load Advanced Communications Group, Inc.'s updates into LVAS. Advanced Communications Group, Inc. understands that these additional tapes must contain information identical to the tapes delivered to the SCP nodes, but

that the format will differ. SWBT will provide Advanced Communications Group, Inc. SWBT-specific documentation for record formats of these additional tapes. SWBT will use these tapes to create Advanced Communications Group, Inc. records in LVAS that correspond with the records being loaded into LIDB using the Tape Load Facility Interface. SWBT will provide Advanced Communications Group, Inc. with the name and address of the SWBT System Administrator to whom the LVAS update tapes should be sent.

(G) SWBT and Advanced Communications Group, Inc. will coordinate to establish mutually agreed upon dates and times for tape loads of Advanced Communications Group, Inc. data when such loads are the result of an Advanced Communications Group, Inc. request.

(H) LSP understands and agrees that its record access through the Tape Load Facility Interface is only for LSP's dwn line/billing records. Advanced Communications Group, Inc. will not use the Tape Load Facility Interface to modify any group record. Advanced Communications Group, Inc. will not use the Tape Load Facility Interface to modify any line/billing record not belonging to Advanced Communications Group, Inc.

#### **9.3.3.5-1 LIDB Editor Interface**

(A) LIDB Editor Interface provides Advanced Communications Group, Inc. with unbundled access to SWBT's LIDB Editor equivalent to SWBT's manner of access. LIDB Editor provides Advanced Communications Group, Inc. with emergency access to LIDB only when LVAS is unable to access LIDB or is otherwise inoperable.

(B) LIDB Editor Interface is not an interface to LVAS. LIDB Editor is an SCP tool accessible only by authorized SWBT employees. Advanced Communications Group, Inc. will have access to SWBT employees authorized to access LIDB Editor during the same times and under the same conditions that SWBT has access to LIDB Editor.

(C) Advanced Communications Group, Inc. understands that its record access through the LIDB Editor Interface will be limited to its own line/billing records.

#### **9.3.3.5.6 Audits**

SWBT will provide Advanced Communications Group, Inc. with LIDB audit functionality as described immediately below.

##### **9.3.3.5.6.1 LIDB Audit**

(A) This audit is between LVAS and LIDB. This audit verifies that LVAS records match LIDB records. The LIDB Audit is against all line record and group record information in LVAS and LIDB, regardless of data ownership.

(B) SWBT will run the LIDB audit continuously throughout each and every day.

(C) SWBT will create a "variance file" of all Advanced Communications Group, Inc. records that fail the LIDB audit. Advanced Communications Group, Inc. can access this file through the Interactive Interface.

(D) Advanced Communications Group, Inc. will investigate accounts that fail the LIDB audit and correct any discrepancies within fourteen (14) days after the discrepancy is placed in the variance file. Advanced Communications Group, Inc. will correct all discrepancies using the LVAS interface(s) Advanced Communications Group, Inc. has requested under this Appendix.

##### **9.3.3.5.6.2 Billing System Audit**

(A) This audit is between LVAS and SWBT's billing system(s). This audit verifies that LVAS records match SWBT's billing system records.

(B) SWBT will provide Advanced Communications Group, Inc. with access equivalent to SWBT's own access to the billing system audit functionality. SWBT will provide Advanced Communications Group, Inc. with a file containing Advanced Communications Group, Inc.'s records in LIDB. Advanced Communications Group, Inc. will specify if the billing system audit tape will be delivered by either magnetic tape or electronically over the Service Order Entry Interface.

(C) Advanced' Communications Group, Inc. will audit its LIDB accounts against Advanced Communications Group, Inc.'s billing system and target for correction any discrepancies within fourteen ( 14) but no

later than thirty (30) days from receipt of the audit file. Advanced Communications Group, Inc. will correct all discrepancies using the LVAS interface(s) Advanced Communications Group, Inc. has requested under this Attachment.

(D) SWBT will provide Advanced Communications Group, Inc. scheduled and nonscheduled billing system audits as set forth following.

(1) Scheduled Audits

SWBT will provide Advanced Communications Group, Inc. with a billing system audit file twice per year. Such audit files will represent Advanced Communications Group, Inc.'s entire data store in LVAS. The Parties will mutually agree upon the dates such audit files will be provided.

(2) Unscheduled Audits

Advanced Communications Group, Inc. can request additional audit files and SWBT will work cooperatively to accommodate all reasonable Advanced Communications Group, Inc. requests for such additional audit files.

**9.3.4 Sleuth**

(A) Sleuth notification provides Advanced Communications Group, Inc. with Sleuth alert messages. Sleuth alert messages indicate potential incidences of ABS-related fraud for investigation

(B) SWBT will provide Advanced Communications Group, Inc. with an alert notification, by fax, or another mutually agreed upon format, when SWBT's Sleuth system indicates the probability of a fraud incidence. SWBT will use the same criteria to determine fraud alerts for Advanced Communications Group, Inc. as SWBT uses for its own accounts.

(C) SWBT's Sleuth investigators can access alerts only in the order the alerts appear in the queue. Low alerts almost never see investigator treatment. However, when Sleuth encounters a number of low priority alerts on the same account, Sleuth may upgrade the alert's status to a higher priority status.

(D) When a Sleuth investigator determines that an urgent, high, or medium priority alert is for an Advanced Communications Group, Inc. account, the Sleuth investigator will print the alert from the queue and fax

the alert to the Advanced Communications Group, Inc. Sleuth alerts only identify potential occurrences of fraud. SWBT will not perform its own investigation to determine whether a fraud situation actually exists for an Advanced Communications Group, Inc. account. Advanced Communications Group, Inc. will determine what, if any action it should take as a result of a Sleuth alert.

(E) SWBT's hours of operation for Sleuth are seven days a week, twenty-four hours per day (7X24). Advanced Communications Group, Inc. will provide SWBT with a contact name and fax number for SWBT to fax alerts from SWBT's Sleuth DBAC.

(F) SWBT will provide Advanced Communications Group, Inc. with a Sleuth contact name and number, including fax number, for Advanced Communications Group, Inc. to contact the Sleuth DBAC.

(G) For each alert notification SWBT provides to Advanced Communications Group, Inc., Advanced Communications Group, Inc. may request a corresponding 30-day historical report of ABS-related query processing. Advanced Communications Group, Inc. may request up to three reports per alert.

#### **9.3.4.2 Technical Requirements**

9.3.4.2.1 Prior to the availability of a long-term solution for Local Number Portability, SWBT will enable Advanced Communications Group, Inc. to store in SWBT's LIDB any customer Line Number or Special Billing Number record, whether ported or not, for which the NPA-NXX or NXX-0/1XX Group is supported by that LIDB.

For NPA-NXXs that are not currently stored in SWBT's LIDB, SWBT agrees to store the information upon review of mutually agreeable Advanced Communications Group, Inc. forecast data. SWBT, at its discretion, may determine that it lacks adequate storage for the additional NPA-NXXs.

9.3.4.2.2 For the LIDB unbundled Network Element, the Technical Publication or other written description provided for in Section 2.17 will include a description of the data elements required to support LIDB-based query processing.

- 9.3.4.2.3 SWBT, and any SWBT's agents who administer data in SWBT's LVAS, will not provide any access to or use of Advanced Communications Group, Inc. line-record data in LVAS by any third party that is not authorized by Advanced Communications Group, Inc. in writing.

### 9.3.5 CNAM Service Query

#### 9.3.5.1 Definitions

Calling Name Delivery Service (CNDS) enables the terminating end-user to identify the calling party by a displayed name before the call is the end user's premise between the first and second ring for display on compatible customer premise equipment (CPE).

CNAM Service Query allows Advanced Communications Group, Inc. to query SWBT's Calling Name database for Calling Name information in order to deliver that information to Advanced Communications Group, Inc.'s local subscribers.

Calling Name database means a Party's database containing current Calling Name information of all working lines served or administered by that Party, including the Calling Name information of any telecommunications company participating in that Party's Calling Name database.

Calling Name information means telecommunications companies' records of all of their subscribers' names associated with one or more assigned ten-digit telephone numbers.

Name Record Administering Companies means telecommunications companies that administer telephone number assignments to the public and which make their Calling Name information available in a Party's Calling Name database.

#### 9.3.5.2 Description of Service

- 9.3.5.2-1 Each Party will provide to the other Party access to Calling Name information whenever the other Party initiates a query from an SSP for such information associated with a call terminating to a CNDS subscriber served by either Party.



- 9.3.5.2.2 Advanced Communications Group, Inc. queries to SWBT's Calling Name database will use translation type of 005. The subsystem number will be mutually developed by the Parties.
- 9.3.5.2.3 SWBT may employ certain automatic and/or manual overload controls to protect SWBT's CCS/SS7 network. SWBT will report to Advanced Communications Group, Inc. any instances where overload controls are invoked due to Advanced Communications Group, Inc.'s CCS/SS7 network and Advanced Communications Group, Inc. agrees in such cases to take corrective action to the same extent SWBT prescribes for itself. Any network management controls found necessary to protect CNAM Service Query from an overload condition will be applied based on non-discriminatory guidelines and procedures. Such management controls will be applied to the specific problem source to the extent technically feasible.
- 9.3.5.2.4 SWBT provides CNAM Service Query as set forth in this Attachment only as such service is used for Advanced Communications Group, Inc.'s LSP activities on behalf of its local service customers where SWBT is the incumbent local exchange carrier. Advanced Communications Group, Inc. agrees that any other use of SWBT's LIDB for the provision of CNAM Service Query by Advanced Communications Group, Inc. will be pursuant to the terms, conditions, rates, and charges of SWBT's effective contracts, as revised, for CNAM Service Query.

#### **9.3.5.3 Ownership of the Calling Name Information**

- 9.3.5.3.1 Advanced Communications Group, Inc.'s access to any CNAM Service Query information does not create any ownership interest that does not already exist. Telecommunications companies, including Advanced Communications Group, Inc., depositing information in SWBT's LIDB may retain full and complete ownership and control over such information.
- 9.3.5.3.2 Unless expressly authorized in writing by parties, CNAM Service Query is not to be used for purposes other than support of CNDS. Advanced Communications Group, Inc. may use CNAM Service Query for such functions only on a call-by-call basis.
- 9.3.5.3.3 Proprietary information residing in SWBT's LIDB is protected from unauthorized access and Advanced Communications Group, Inc. may not store such information in any table or database for any reason. All information related to alternate billing service is proprietary. Examples of proprietary information are as follows:

Billed (Line/Regional Accounting Office (RAO)) Number  
PIN Number(s)  
Billed Number Screening (BNS) indicators  
Class of Service (also referred to as Service or Equipment)  
Reports on LIDB usage  
Information related to billing for LIDB usage  
LIDB usage statistics.

- 9.3.5.3.4 Advanced Communications Group, Inc. agrees that it will not copy, store, maintain, or create any table or database of any kind that is based upon a response to a query to SWBT's LIDB.
- 9.3.5.3.5 If Advanced Communications Group, Inc. acts on behalf of other carriers to access SWBT's CNAM Service Query, Advanced Communications Group, Inc. will contractually prohibit such carriers from copying, storing, maintaining, or creating any table or database of any kind from any response provided by SWBT after a CNAM Service Query query to SWBT's LIDB.
- 9.3.5.3.6 Nothing in Sections 9.3.4.4.2.1 through 9.3.4.4.2.5 is intended to restrict Advanced Communications Group, Inc.'s use or storage of Advanced Communications Group, Inc. data created or acquired independently of SWBT's CNAM Service Query.
- 9.3.5.3.7 SWBT will furnish Calling Name information only as accurate and current as the information has been provided to SWBT for inclusion in its CNAM database. Therefore, SWBT, in addition to the limitations of liability set forth, is not liable for inaccuracies in the Calling Name information name records provided to Advanced Communications Group, Inc. or to its Query-originating carrier customers, except such inaccuracies caused by SWBT's willful or wanton misconduct or gross negligence.
- 9.3.5.3.8 The Parties acknowledge that each Calling Name database limits the Calling Name information length to fifteen (15) characters. As a result, the Calling Name information provided in a response to a Query may not reflect a subscriber's full name. Name records of residential local telephone subscribers will generally be stored in the form of last name followed by first name (separated by a comma or space) to a maximum of fifteen ( 15) characters. Name records of business local telephone subscribers will generally be stored in the form of the first fifteen (15) characters of the listed business name that in some cases may include abbreviations. The Parties also acknowledge that certain local telephone service subscribers of Name Record Administering Companies may

require their name information to be restricted, altered, or rendered unavailable. Therefore, SWBT is not liable for any and all liability, claims, damages or actions including attorney's fees, resulting directly or indirectly from the content of any Name Record contained in a Calling Name database and provided to Advanced Communications Group, Inc. or its Query-originating carrier customers, except for such content related claims, damages or actions resulting from SWBT's willful or wanton misconduct or gross negligence.

- 9.3.5.3.9** The Parties acknowledge that certain federal and/or state regulations require that local exchange telephone companies make available to their subscribers the ability to block the delivery of their telephone number and/or name information to the terminating telephone when the subscriber originates a telephone call. This blocking can either be on a call-by-call basis or on an every call basis. Similarly, a party utilizing blocking services can unblock on a call-by-call or every call basis. Advanced Communications Group, Inc. will abide by information received in SS7 protocol during call set-up that the calling telephone service subscriber wishes to block or unblock the delivery of telephone number and/or name information to a CNDS subscriber. Advanced Communications Group, Inc. agrees not to attempt to obtain the caller's name information by originating a query to SWBT's Calling Name database where the subscriber had attempted to block such information, nor will Advanced Communications Group, Inc. block information a subscriber has attempted to unblock. Therefore, SWBT, in addition to the limitations of liability set forth in this Section, is not liable for any failure by Advanced Communications Group, Inc. or its query-originating carrier customers to abide by the caller's desire to block or unblock delivery of Calling Name information, and Advanced Communications Group, Inc. agrees to hold SWBT harmless from, and defend and indemnify SWBT for, any and all liability, claims, damages or actions including attorney's fees, resulting directly or indirectly from Advanced Communications Group, Inc. or its query-originating carrier customers' failure to block or unblock delivery of the Calling Name information when appropriate indication is provided, except for such privacy related claims, damages or actions caused by SWBT's willful or wanton misconduct or gross negligence.

### **9.3.6 Toll Free Number Database**

- 9.3.6.1** SWBT's 800 database receives updates processed from the national Service Management System (SMS). Customer records in the SMS are created or modified by entities known as Responsible Organizations (RespOrg) who obtain access to the SMS via the 800 Service Management

System, Tariff F.C.C. No. 1. 800 Service Providers must either become their own RespOrg or use the services of an established RespOrg. The services of a RespOrg includes creating and updating 800 records in the SMS to download in the 800 database(s). SWBT does not, either through a tariff or contract, provide RespOrg service.

- 9.3.6.2 After the 800 customer record is created in the SMS, the SMS downloads the records to the appropriate databases, depending on the area of service chosen by the 800 subscriber. An 800 customer record is created in the SMS for each 800 number to be activated. The SMS initiates all routing changes to update information on a nationwide basis.
- 9.3.6.3 Access to the Toll Free Calling Database allows Advanced Communications Group, Inc. to access SWBT's 800 database for the purpose of switch query and database response. Access to the Toll Free Calling Database supports the processing of toll free calls (e.g., 800 and 888) where identification of the appropriate carrier (800 Service Provider) to transport the call is dependent upon the full ten digits of the toll free number (e.g., 1+800+NXX+XXXX). Access to the Toll Free Calling Database includes all 800-type dialing plans (i.e., 800 and 888 [and 877, 866, 855, 844, 833, 822, when available]).
- 9.3.6.4 Access to the Toll Free Calling Database provides the carrier identification function required to determine the appropriate routing of an 800 number based on the geographic origination of the call, from a specific or any combination of NPA/NXX, NPA or LATA.
- 9.3.6.5 There are three optional features available with 800 service: Designated 1 O-Digit Translation, Call Validation and Call Handling and Destination.
  - 9.3.6.5.1. The Designated 10-Digit Translation feature converts the 800 number into a designated 10-digit number. If the 800 Service Provider provides the designated 10-digit number associated with the 800 number and requests delivery of the designated 10-digit number in place of the 800 number, SWBT will deliver the designated 10-digit number.
  - 9.3.6.5.2 The Call Validation feature limits calls to an 800 number to calls originating only from an 800 Subscriber's customized service area. Calls originating outside the area will be screened and an out of band recording will be returned to the calling party.

- 9.3.6.5.3 The Call Handling and Destination feature allows routing of 800 calls based on one or any combination of the following: time of day, day of week, percent allocation and specific 10 digit ANI.
- 9.3.6.6 Access to the Toll Free Calling Database is offered separate and apart from other unbundled network elements necessary for operation of the network routing function addressed in these terms and conditions, e.g., end office 800 SSP functionality and CCS/SS7 signaling.
- 9.3.6.7 Advanced Communications Group, Inc. will address its queries to SWBT's database to the alias point code of the STP pair identified by SWBT. Advanced Communications Group, Inc.'s queries will use subsystem number 0 in the calling party address field and a translations type of 254 with a routing indicator set to route on global title. Advanced Communications Group, Inc. acknowledges that such subsystem number and translation type values are necessary for SWBT to properly process queries to its 800 database.
- 9.3.6.8 SWBT may employ certain automatic and/or manual overload controls to protect SWBT's CCS/SS7 network. SWBT will report to Advanced Communications Group, Inc. any instances where overload controls are invoked due to Advanced Communications Group, Inc.'s CCS/SS7 network and Advanced Communications Group, Inc. agrees in such cases to take corrective action to the same extent SWBT prescribes for itself. Any network management controls found necessary to protect Toll Free Network Element from an overload condition will be applied based on non-discriminatory guidelines and procedures. Such management controls will be applied to the specific problem source to the extent technically feasible.
- 9.3.6.9 Advanced Communications Group, Inc. will only use Access to the Toll Free Calling Database to determine the routing requirements for originating 800 calls. Advanced Communications Group, Inc. will not copy, store, maintain, or create any table or database of any kind that is based upon a response to a query to SWBT's Toll Free Calling Database. If Advanced Communications Group, Inc. acts on behalf of other carriers to access SWBT's Toll Free Calling Database, Advanced Communications Group, Inc. will contractually prohibit such carriers from copying, storing, maintaining, or creating any table or database of any kind from any response provided by SWBT after a query to SWBT's Toll Free Calling Database:-

- 9.3.6.10 Advanced Communications Group, Inc. will ensure that it has sufficient link capacity and related facilities to handle its signaling and toll free traffic without adversely affecting other network subscribers and that the SSP Provider has transmitted the appropriate subsystem number and translation type.
- 9.3.6.11 SWBT provides access to the Toll Free Calling Database (TFCDB) as set forth in this Attachment only as such service is used for Advanced Communications Group, Inc.'s LSP activities on behalf of its Texas local service customers where SWBT is the incumbent local exchange carrier. Advanced Communications Group, Inc. agrees that any other use of SWBT's TFCDB for the provision of 800 database service by Advanced Communications Group, Inc. will be pursuant to the terms, conditions, rates, and charges of SWBT's effective tariffs, as revised, for 800 database services.

#### **9.3.7 AIN Call Related Database**

**Definition:**

The AIN is a Network Architecture that uses distributed intelligence in centralized databases to control call processing and manage network information, rather than performing those functions at every switch.

- 9.3.7.1 SWBT will provide Advanced Communications Group, Inc. access to SWBT's Service Creation Environment (SCE) to design, create, test and deploy AIN-based features, equivalent to the access it provides to itself, providing that security arrangements can be made. Advanced Communications Group, Inc. requests to use the SWBT SCE will be subject to request and review procedures to be agreed upon by the Parties.
- 9.3.7.2 When Advanced Communications Group, Inc. utilizes SWBT's Local Switching network element and requests SWBT to provision such network element with a technically feasible AIN trigger, SWBT will provide access to the appropriate AIN Call Related Database for the purpose of invoking either an SWBT AIN feature or an Advanced Communications Group, Inc. developed AIN feature as per previous section.
- 9.3.7.3 When Advanced Communications Group, Inc. utilizes its own local switch, SWBT will provide access to the appropriate AIN Call Related Database for the purpose of invoking either an SWBT AIN feature or an Advanced Communications Group, Inc. developed AIN feature as per previous section.

- 9.3.7.4** SWBT will provide access to AIN Call Related databases in a nondiscriminatory and competitively neutral manner. Any mediation, static or dynamic, will only provide network reliability, protection, security and network management functions consistent with the access service provided. Any network management controls found necessary to protect the AIN SCP from an overload condition will be applied based on non-discriminatory guidelines and procedures either (1) resident in the SWBT STP that serves the appropriate AIN SCP or (2) via manual controls that are initiated from SWBT Network Elements. Such management controls will be applied to the specific problem source, where ever that source is, including SWBT, and not to all services unless a problem source cannot be identified.
- 9.3.7.5** As requested by Advanced Communications Group, Inc., SWBT will provide specifications and information reasonably necessary for Advanced Communications Group, Inc. to utilize SWBT SCE as provided above.
- 9.3.7.6** SWBT SCP will partition and take reasonable steps to protect Advanced Communications Group, Inc. service logic and data from unauthorized access, execution or other types of compromise, where technically feasible.

**9.4     Access to Directory Assistance Database**

SWBT will provide non discriminatory access to SWBT's Directory Assistance listing information which includes published listings, non listed listings as well as listed names, address, zip code and telephone numbers with the exception of non published telephone numbers. Non published Directory Assistance listing information will display the customer name and address only along with an indicator that the number is non published. Access to SWBT Directory Assistance listing information is for the sole purpose of providing voice Directory Assistance to Advanced Communications Group, Inc.'s customers. Access to SWBT's Directory Assistance listing information allows the Advanced Communications Group, Inc. operator to query SWBT's Directory Assistance database and obtain the identical information that is available to SWBT's Directory Assistance operators.

## **10. Operations Support Systems Functions**

### **10.1 Definition**

Operations Support Systems Functions consist of pre-ordering, ordering, provisioning, maintenance and repair, and billing functions supported by SWBT's databases and information.

### **10.2 Requirements**

SWBT will provide Advanced Communications Group, Inc. access to its Operations Support Systems Functions through the electronic interfaces provided for in Attachment 7 (Pre-Ordering, Ordering, and Provisioning - UNE), Attachment 8 (Maintenance - UNE), Attachment 9 (Connectivity Billing and Recording - UNE), and Attachment 10 (Customer Usage Data - UNE), on the terms and conditions set forth in those Attachments.

## **11 .O Cross-connects**

11.1 The cross connect is the media between the SWBT distribution frame and an Advanced Communications Group, Inc. designated collocated space or other SWBT unbundled network elements purchased by Advanced Communications Group, Inc.

11.2 SWBT offers a choice of four types of cross connects with each unbundled loop type. The applicable cross connects are as follows:

1. Cross connect to DCS
2. Cross connect to MUX
3. Cross connect to CollocationDemarc
4. Cross connect to Switch Port

11.3 SWBT will offer the Cross Connect with unbundled dedicated transport in the following configurations:

1. Voice Grade 2-Wire
2. Voice Grade 4-Wire
3. DSO (56Kbps) DCS to Collocation
4. DS 1 (1.544Mbps)
5. DS3 (44.736Mbps)
6. OC3 (155.520Mbps)
7. OC 12 (622.080Mbps)



8. OC48 (2,488.320Mbps)

**12. Additional Requirements Applicable to Unbundled Network Elements**

Section 12 sets forth additional requirements for unbundled Network Elements which SWBT agrees to offer to Advanced Communications Group, Inc. under this Agreement.

**12.1 Technical Issues Resolution**

Within 60 days of the Effective Date of this Agreement, Advanced Communications Group, Inc. and SWBT will agree upon a process to resolve technical issues relating to interconnection of Advanced Communications Group, Inc.'s network to SWBT's network and Network Elements and Ancillary Functions. The agreed upon process will include procedures for escalating disputes and unresolved issues up through higher levels of each company's management. If Advanced Communications Group, Inc. and SWBT do not reach agreement on such a process within 60 days, any issues that have not been resolved by the parties with respect to such process will be submitted to the Dispute Resolution procedures set forth in this Agreement unless both parties agree to extend the time to reach agreement on such issues.

**12.2 Synchronization**

**12.2.1 Definition:**

Synchronization is the function which keeps all digital equipment in a communications network operating at the same average frequency. With respect to digital transmission, information is coded into discrete pulses. When these pulses are transmitted through a digital **communications** network, all synchronous Network Elements are traceable to a stable and accurate timing source. Network synchronization is accomplished by timing all synchronous Network Elements in the network to a stratum 1 source so that transmission from these network points have the same average line rate.

12.2.2 SWBT will provide synchronization to equipment that is owned by SWBT and is used to provide a network element to Advanced Communications Group, Inc. in the same manner that SWBT provides synchronization to itself.

13. **Pricing**

13.1 Interim Provisioning of Unbundled Network Elements

Attached hereto as Appendix Pricing - UNE is a schedule which reflects the Arbitration award interim prices applicable to the specific Unbundled Network Elements which SWBT will provide to Advanced Communications Group, Inc. as identified therein. Advanced Communications Group, Inc. agrees to compensate SWBT for the unbundled Network elements at the rates contained in this Appendix . Unbundled Network Elements are available from SWBT on a per unbundled Network Element basis at prices as contained in Appendix 1: Pricing - UNE.

13.2 Permanent Provisioning of Unbundled Network Elements

The provisioning for the elements identified on Appendix Pricing - UNE shall be at the prices determined by the Commission in the SWBT generic cost docket. Additionally, any Unbundled Network Elements for which prices are determined in such docket shall also be made available to Advanced Communications Group, Inc. at the prices identified in such docket. Provisioning issues not previously agreed upon by the Parties shall be negotiated by the Parties prior to provisioning of such elements.

13.3 For any element, service, feature or function contained in or referenced to in Attachments 6, 7, 8, 9 or 10 that are not explicitly or implicitly included in any Unbundled Network Element listed in the attached Appendix Pricing - UNE, including Special Requests, SWBT and Advanced Communications Group, Inc. will negotiate prices. If the Parties are unable to negotiate a price, SWBT will establish the price in accordance with the Act, as applicable. In no event will SWBT be required to provide any elements, services, features or functions for which no price has been established.

13.4 Unless otherwise stated, SWBT will render a monthly bill for Network Elements provided hereunder. Remittance in full will be due within thirty (30) days of bill date. Interest will apply on overdue amounts. Each party reserves the right to net delinquent amounts against amounts otherwise due the other.

13.5           Recurring Charges

13.5.1           Unless otherwise agreed, where Rates are shown as monthly, a month will be defined as a calendar month. The minimum term for each monthly rated element will be one (1) month. After the initial month, billing will be on the basis of whole or fractional months used. The minimum service period for elements provided under the Bona Fide Request process may be longer.

13.5.2           Where rates will be based on minutes of use, usage will be accumulated at the end office or other measurement point without any per call rounding and total minutes by end office are rounded to the next higher minute. Advanced Communications Group, Inc. will pay for all usage on such calls including those that are not completed due to busy or don't answer conditions. Where the measurement capabilities exist, the measurement of minutes for billing purposes will be done on the same basis as access minutes of use.

13.5.3           Where rates are based on miles, the mileage will be calculated on the airline distance involved between the locations. To determine the rate to be billed, SWBT will first compute the mileage using the V&H coordinates method, as set forth in the National Exchange Carrier Association, Inc. Tariff F.C.C. No 4. When the calculation results in a fraction of a mile, SWBT will round up to the next whole mile before determining the mileage and applying rates.

**13.6 Non-Recurring Charges**

13.6.1           There are non-recurring charges for the first connection on an Advanced Communications Group, Inc. order as well as separate non-recurring charges for each additional connection associated with the same Advanced Communications Group, Inc. order at the same Advanced Communications Group, Inc. specified premises. When converting the SWBT account to Advanced Communications Group, Inc. or between Advanced Communications Group, Inc. and another local service provider, the conversion will be handled as a disconnect of the current account and a coordinated (as mutually defined by the Parties) new connect of the unbundled network element account.

13.6.3           A service order processing (Service Order) charge will apply for each service order issued-, by SWBT to process a request for installation, disconnection, rearrangement, change orders or record orders for unbundled elements. This does not apply to supplements to an order.

### **13.7 Maintenance of Elements**

- 13.7.1 The network elements provided by SWBT pursuant to this Attachment will be maintained by SWBT. Advanced Communications Group, Inc. or others may not rearrange, move, disconnect, remove or attempt to repair any facilities provided by SWBT, other than by connection or disconnection to any interface means used, except with the written consent of SWBT.
- 13.7.2 Advanced Communications Group, Inc. will pay Time and Material charges when Advanced Communications Group, Inc. reports a suspected failure of a network element and SWBT dispatches personnel to the end user's premises or a SWBT central office and finds that trouble was not caused by SWBT's facilities or equipment. Time and Material charges will include all technicians dispatched, including technicians dispatched to other locations for purposes of testing.
- 13.7.3 If Advanced Communications Group, Inc. issues a trouble report allowing SWBT access to the end user's premises and SWBT personnel are dispatched but denied access to the premises, then Time and Material charges will apply for the period of time that SWBT personnel are dispatched. Subsequently, if SWBT personnel are allowed access to the premises, the charges discussed herein will still apply.
- 13.7.4 Time and Material charges as discussed in 13.7.3 through 13.7.5. apply on a first and additional basis for each half hour or fraction thereof. If more than one technician is dispatched in conjunction with the same trouble report, the total time for all technicians dispatched will be aggregated prior to the distribution of time between the "First Half Hour or Fraction Thereof" and "Each Additional Half Hour or Fraction Thereof" rate categories. Basic Time is work related efforts of SWBT performed during normally scheduled working hours on a normally scheduled work day. Overtime is work related efforts of SWBT performed on a normally scheduled work day, but outside of normally scheduled working hours. Premium Time is work related efforts of SWBT performed other than on a normally scheduled work day.
- 13.7.5 If Advanced Communications Group, Inc. requests and approves a SWBT technician to perform services in excess of limits outlined in the Performance Requirements section of Attachment 7: Ordering and Provisioning. - UNE by the line connection service on any size order, Advanced Communications Group, Inc. will pay for any additional and reasonable work to perform such services, including requests for

installation or conversion outside of normally scheduled working hours at the appropriate rates.

### **13.8 Other Pricing Terms and Conditions**

- 13.8.1 SWBT will not collect intrastate or interstate access charges from Advanced Communications Group, Inc. when it purchases unbundled network elements, over and above the rates provided for the network elements in Appendix Pricing - UNE, except as follows:
  - 13.8.1.1 When Advanced Communications Group, Inc. purchases a SWBT Local Switching element, the CCLC and 100% of the RIC under the effective interstate SWBT access tariff, for all interstate access minutes of Advanced Communications Group, Inc. customer traffic traversing that Local Switching element will apply until modified by a final and effective FCC order.
  - 13.8.1.2 When Advanced Communications Group, Inc. purchases a SWBT Local Switching element, the effective intrastate SWBT access rates will be as determined in the final and effective arbitrated agreement or the SWBT generic cost docket.
- 13.8.2 Vertical Features: SWBT will charge Advanced Communications Group, Inc. for the Vertical Features that the switch is equipped to provide in accordance with the final and effective SWBT/AT&T arbitrated agreement or the SWBT generic cost docket.
- 13.8.3 Customized Routing: SWBT will charge Advanced Communications Group, Inc. for Customized Routing in accordance with the final and effective SWBT/AT&T arbitrated agreement or the SWBT generic cost docket.
- 13.8.4 When the NXX of the telephone number provided to the Advanced Communications Group, Inc. is one associated with an optional EAS arrangement, SWBT will charge Advanced Communications Group, Inc. in accordance with the final and effective SWBT/AT&T arbitrated agreement or the SWBT generic cost docket.
- 13.9 When Advanced Communications Group, Inc. notifies SWBT of a desire to use unbundled local switching, the Parties agree to negotiate the method of billing the local switching unbundled rates.

### APPENDIX PRICING - UNE

This Appendix Pricing - UNE to Attachment 6: UNE sets forth the prices SWBT will charge Advanced Communications Group, Inc. for unbundled Network Elements as set forth in the following Schedule of Prices. These prices are interim and will apply until further action by the Kansas Corporation Commission.

<u>Elements</u>	<u>Unit of Charge</u>	<u>Recurring</u>	<u>Nonrecurring</u>	
			<u>Initial</u>	<u>Additional</u>
<b><u>LOOPS</u></b>	Monthly			
2-Wire Analog (8 dB Loop)				
- Zone 1		\$ 70.30	\$ 60.55	\$ 25.30
- Zone 2		\$ 26.55	\$ 60.55	\$ 25.30
- Zone 3		\$ 19.65	\$ 60.55	\$ 25.30
Loop Conditioning (5 dB Loop) **		\$ 7.05	\$ 65.00	\$ 24.75
Basic Rate Interface (BRI)				
- Zone 1		\$ 95.55	\$ 157.20	\$ 82.00
- Zone 2		\$ 48.20	\$ 157.20	\$ 82.00
- Zone 3		\$ 49.00	\$ 157.20	\$ 82.00
Primary Rate Interface Loop (4-wire)				
- Zone 1		\$ 223.85	\$ 372.40	\$ 147.10
- Zone 2		\$ 136.10	\$ 372.40	\$ 147.10
- Zone 3		\$ 145.30	\$ 372.40	\$ 147.10
** For a 5dB Loop, 8dB prices plus Loop Conditioning prices.				
<b><u>CROSS CONNECTS</u></b>				
MDF to Collocation(same C.O)	Monthly			
Analog 2-wire		\$ 2.10	\$ 72.50	\$ 69.05
Analog 4-wire		\$ 4.20	\$ 85.85	\$ 82.35
Digital 2-wire		\$ 2.10	\$ 72.50	\$ 69.05
Digital 4-wire		\$ 11.30	\$ 85.85	\$ 82.35
MDF to Collocation (interoffice)	Monthly			
Analog 2-wire		\$ 5.15	\$ 106.60	\$ 98.00
Analog 4-wire		\$ 6.90	\$ 125.00	\$ 116.45
Digital 2-wire		\$ 12.35	\$ 106.60	\$ 98.00
MDF to SWBT Multiplexer	Monthly			
Analog 2-wire		\$ 5.15	\$ 106.60	\$ 98.00
Analog 4-wire		\$ 6.90	\$ 125.00	\$ 116.45
Digital 2-wire		\$ 12.35	\$ 106.60	\$ 98.00,
<b><u>LOCAL SWITCHING</u></b>	Minute of Use	\$ 0.003		

**SWITCH PORTS**

	Monthly			
Analog Line Side		\$ 2.00	\$ 82.60	\$ 74.05
Analog Trunk Side (DID)		\$ 26.30	\$ 152.60	\$ -----
BRI Port		\$ 7.00	\$ 13.35	\$ 7.30
PRI Port		\$ 208.75	\$ 445.70	\$ 204.55

**INTEROFFICE TRANSPORT**

<u>Common</u>	Minute of Use	
Zone A		\$ 0.000609
Zone B		\$ 0.000609
Zone C		\$ 0.000609

Dedicated

Voice Grade	Monthly	\$ 17.46	
	Mile	\$ 1.12	
DS1	Monthly	\$ 51.30	
	Mile	\$ 17.70	
DS3	Monthly	\$ 815.00	
	Mile	\$ 118.00	

**TANDEM SWITCHING**

Minute of Use \$ 0.0015

**EAS TRANSPORT & TERMINATION**

Minute of Use \$ 0.021

**UNBUNDLED SIGNALING**

	Monthly			
STP Port	Per Port	\$ 1,780.65	\$ 291.50	
STP Trunk Signaling	Per Octet	\$0.00000230		
Point Code Addition	Per Point Code	N/A	\$ 15.35	
SS7 Links - Cross Connects				
STP to Collocators Cage - DSO	Monthly	\$74.60	\$260.15	\$206.00
STP to Collocators Cage - DS1	Monthly	\$53.80	\$231.60	\$177.50
STP to SWBT DF - DSO	Monthly	\$74.60	\$260.15	\$206.00
STP to SWBT DSX Frame - DS1	Monthly	\$53.80	\$231.60	\$177.50

**UNBUNDLED DATABASE**

	Per Query	
800 - Simple		\$ 0.001020
800 - Complex		\$ 0.001160
LIDB Query		\$ 0.000530
CNAM Query		\$ 0.000923

	Per MOU	
LIDB Query Transport		\$ .0004500
LIDB Validation Query		\$ .026000
Line Validation Administration System (LVAS)		

Update Media (initial loads)

- Manual \$372.00 + \$55.00 per 100 lines
- File Transfer \$1000.00
- Tape \$380.00 + \$23.50 per 100 lines
- Dial-in \$1525.00

Update Media (subsequent loads)

- Manual \$51.00 + \$3.75 per 100 lines
- File Transfer \$25.00 + \$0.25 per 100 lines
- Dial-in \$20.00 + \$0.30 per 100 lines